

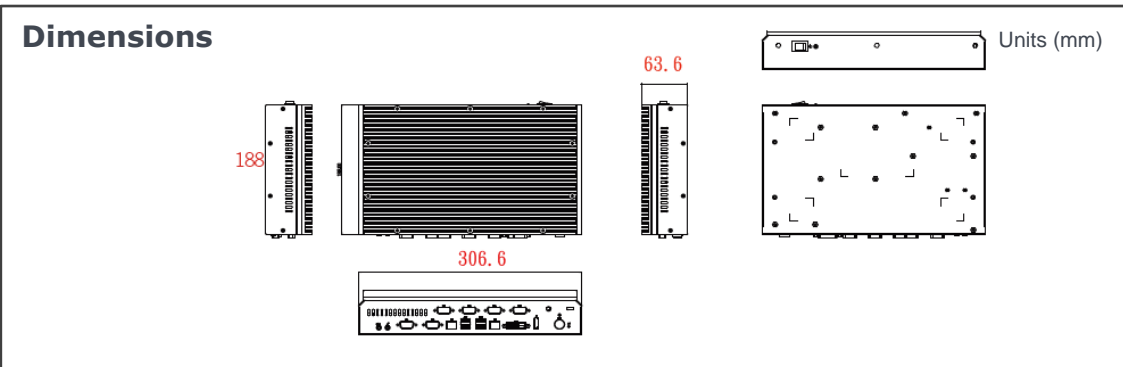


## Features

- Intel® 6<sup>th</sup>/7<sup>th</sup> Gen. Core i5/i7 Fanless Box PC
- Highest Level EMC 4.0/ Safety 3.1 Certification Ready
- Support Intel® vPro by Optional i7/i5 CPU
- Support RAID 0,1
- Rich 6x COM Ports for Control Applications
- Optional 4KV isolated module by different configuration
- Black Heatsink/ Housing as Option

## Specification

Product		WPC-766E
Main System	CPU / Chipset	Intel® 6 <sup>th</sup> /7 <sup>th</sup> generation Core i7/i5 processor
	Graphic	Intel® integrated UHD Graphics 530
	RAM	Two 2133 MHz DDR4 SODIMM socket support dual Channel, non-ECC, up to 32GB
	OS Support	Win 7 pro, Win 7 embedded, Win 8 embedded, Win 8 industrial, Win10
I/O Ports	USB	USB 3.0 input x 4
	COM	RS232 x 5, RS232/422/485 x 1 <w/ auto flow control>
	Video output	DVI-D x 1, DP x 1
	Audio	Line-out, Microphone-in
	LAN	RJ45 x 2, Gigabit
	Control Hot Key	Power on/ off, reset
Storage & Expansion	Storage	2.5" SATA SSD drive bay x 1 Optional 2nd 2.5" SSD drive bay Optional mSATA Co-share space with mini-PCIe
	Expansion slot	PCI-E [x16] expansion slot x 1 Mini-PCIe x 2 (Half support mini-PCIe, Full support mini-PCIe/mSATA)
Power	Power input	DC 9V~28V
	Power adapter	AC input 100 ~ 240V / 47 ~ 63 Hz / DC output 12V
	Power consumption	79.8 watts
Environmental	Temperature	Operating Temperature 0~35°C Storage Temperature -20~60°C
	Humidity	Operating & Storage: 10 ~ 90%, non-condensing
	Shock/Vibration	Shock Operating: 40g, 11ms, half sine wave Vibration Operation: 5 ~ 17 Hz , Amplitude : 0.2" , 17 ~ 500Hz, Acceleration : 3.0G Drop Free fall: 90 cm, 1 corner, 3 edges, 6 faces
	Cooling	Fanless
Mechanical Characteristics	Housing	Silver aluminum heatsink and white coating housing
	Dimensions (Net: mm)	306.6 x 188 x 108.6
	Weights (Net: kg))	4.0 (w/o power adapter)
Certification	CE: EN 60601-1-2:2015(V4.0), MDR: EN 60601-1:2006/A1:2013(V3.1) VCCI: 2016-11, Class B (PSU/Battery with PSE) FCC: Part 18 Class B UL: ANSI/AAMI ES60601-1:2012 (V3.1) cUL: CAN/CSA-C22.2 No. 60601-1:2014 (V3.1) ISO 14971 / IEC62133	



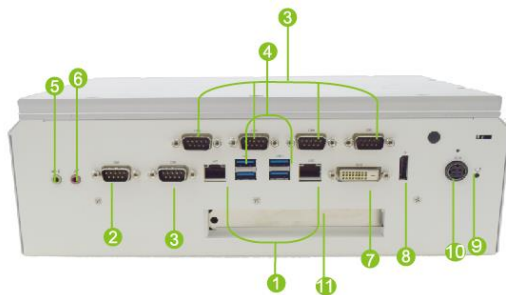
### Major Options

Add On Parts	<ul style="list-style-type: none"> <li>① 802.11 ac/a/b/g/n WLAN + BT4.1 module (M.2 via Mini PCIe adapter with two antenna)</li> <li>② Equipotential terminal pin ③ TPM 2.0 module ④ mSATA module</li> <li>⑤ PCI-E x 16 riser card (Support 35W max.) ⑥ 2nd 2.5" SSD</li> <li>⑦ Battery pack ⑧ Full HD capture card</li> <li>⑨ Isolated 4KV module</li> <li>4KV Isolated USB 2.0 connector x 1</li> <li>4KV Isolated Giga LAN connector x 1</li> <li>4KV Isolated COM connector x 2 (one is RS-232, one is RS-232/422/485 by jump setting)</li> </ul>
Add On Cable	① Power adapter w/ 2m DC extension cable
Customization	① Black heatsink/ housing, ② Extra USB Ports 5,6,7,8...10 ③ DVD Player

## Order Information

Item	Cooling	Description
WPC-766E(i5)	Fanless	Core i5-6500TE/ DDR4G RAM/ 64G SSD
WPC-766E(i7)	Fanless	Core i7-6700TE/ DDR4G RAM/ 64G SSD

### STD IO Parts



- ① LAN x 2
- ② RS232/422/485
- ③ RS232 x 5
- ④ USB x 4 (USB 3.0)
- ⑤ Line out
- ⑥ Microphone-in
- ⑦ DVI-D
- ⑧ DP x 1
- ⑨ Reset
- ⑩ DC-in
- ⑪ PCI-E {x16} slot

